SAFETY MESSAGE Incident: Date: Shift: Green Valley Fire Friday May, 17, 2013 Day/Night

Major Hazards and Risks:

- Communications [VHF, Armer]
- Changing Weather Conditions
- Utility Repair Work
- Maintain L.C.E.S.
- Falling Snags (Heads Up!)

- Falling Operations
- Driving Busy Narrow Roads (Go Slow)
- Helicopter Bucket Work
- Tick Bites
- Situational Awareness

Step Back
Think
Organize
Proceed



The cornerstone of safety is to take time to assess the job and its environment. In order to encourage this principle, please consider using the "STOP" acronym to act as a reminder to pursue all jobs in a safe manner

- S Step back and consider all aspects of the job. This includes yourself, your co-workers, equipment, vehicles, route of travel, activities, weather, special events (i.e. hunting season), terrain, etc.
- T Think about what you are about to do. This includes potential/real hazards, crew experience levels, influence of other activities/happenings, distractions, specific safety message that needs to be communicated to co-workers, do my actions reflect my intent on emphasis of safety, etc.
- \mathbf{O} Organize the job and co-workers to ensure quality and quantity of task accomplishments. This diligent effort will achieve desired results in a "non hurried" environment.
- \mathbf{P} Proceed in a determined effort to accomplish given tasks in a safe manner. This means that all persons involved are consistently alert and keenly aware of being careful in all their actions.

Line Safety Officers	Safety Officer IMT A	
Bob Brittain, Pete Villa	Ron Guck	

	Incident Name	2. Date Prepared 3. Time Prepared
Incident Objectives	GREEN VALLEY	05/16/13 2145
Operational Period 05/17/1	3 Friday Day Shift 0700 - 2100	
5. General Control Objectives for the incident	(include alternatives)	
Provide for firefighter and public safety. Adhe	re to the 10 Standard Firefighting Orders a	and 18 Watch Out Situations.
Prioritize protection of private property and str	uctures ahead of the protection of natural r	resources.
Coordinate with local law enforcement and fire	departments to ensure public safety need	ds are met.
Be considerate of and respond to the concern	s of private landowners.	
6. Weather Forecast for Period		
A 40 percent chance of showers, ma East southeast wind 10 to 15 mph, of less than a tenth of an inch po 7. General Safety Message Maintain LCES and your situational awareness more important at night	with gusts as high as 20 mph. N ssible.	New precipitation amounts
8. Atta	1 1 1 1 1 1 1 1	
	achments (mark if attached)	
✓ Organization List - ICS 203	Incident Map	
Div. Assignment Lists - ICS 204	Incident Map Safety Message	
☑ Div. Assignment Lists - ICS 204☑ Communications Plan - ICS205	Incident Map	
Div. Assignment Lists - ICS 204	Incident Map Safety Message Traffic Plan	1

Final

ICS 202

Page 1 of 1 ICS 202 Forms

ORGANIZATI	ON ASSIGNMENT	LIST	9.	Operation	ns Section
1. Incident Name	DEENLY/ALLES/		Day	And the same of th	Norman/Edgar/Langford
2. Date Prepared	REEN VALLEY 3. Time Prepa	ared	Night		Hazelton
05/16/13		155	a.	Branch I	- Division/Groups
4. Operational Period 05/17/13 Friday	/ Day Shift 0700 - 2	100	Branch Director		T
Position	Name	.100	Deputy		
	Commander and St	taff	Division/Group	Α	Pooler
ncident Commander	Aultman	lan	Division/Group	В	Cassellius
Deputy	Hinds		Division/Group	C & D	Rice
Safety Officer	Guck		Division/Group	Z	Geirsdorf
nformation Officer	Sanow		Division/Group	Staging	Holden
Liaison Officer	Snetsinger		b.	Branch II	- Division/Groups
7 PW 000 PW-10 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1			Branch Director		
	ncy Representative		Deputy		
Agency Becker Co. Sheriff Shannon	Name MN DNR Carlstrom		Division/Group		
Hubbard Co. Sheriff Aukes	Menahga Fire Chief	Kicker	Division/Group	2010 100 T NO 15 THE ST	-
Wadena Co. Sheriff Carr	Wolf Lake Fire Chief		Division/Group		
State Fire Marshall			Division/Group		
Berastrand	Park Rapids Fire Chi	ler Hoπman	Division/Group		
				D	
	anning Section		C.	Branch III	- Division/Groups
Chief	Olson		Branch Director		
Deputy	Drimel		Deputy		
Resources Unit	Leitinger		Division/Group		
Situation Unit	Heisel		Division/Group		
Documentation Unit			Division/Group		
Demobilization Unit			Division/Group		
Fire Behavior Analyst	Miedtke		Division/Group		
Human Resource Specialist			d.	Air Oper	rations Branch
raining Specialist			Air Operations Bra	anch Director	Lloyd
GIS Specialist	Watson/Nyberg		Helibase Manage	г	
Computer Specialist	Nadler		Air Attack Superv	isor	
			Air Support Super	rvisor	
			Helicopter Coordi	nator	
8. Lo	gistics Section	and the same of the same	Air Tanker Coordi	inator	
Chief	Worshek		10.	Finan	ce Section
Deputy	The section is the second and section in the sectio		Chief	. man	Kelly
Supply Unit	Julson		Deputy		Calder
acilities Unit	Johnson		Time Unit		Basina
Ground Support Unit	Hill	No. 100 - No. 10	Procurement Unit		O'Brien
Communications Unit	Willis		Compensation/Cla		
Medical Unit	Marsolek		Cost Unit		
	1				
Ordering Manager	Schiller		2 22 222	esource Unit Lead	er)
Food Unit			Leitinger		
22.000					

ICS 203 FINAL Page of ICS 203 Forms

WEATHER FORECAST FOR GREEN VALLEY FIRE...NWS GRAND FORKS ND 322 PM CDT THU MAY 16 2013

.DISCUSSION...

TRUE MOISTENING WILL OCCUR THURSDAY EVENING YIELDING RAIN SHOWERS FRIDAY.
MORE COPIOUS RAIN AND THUNDERSTORMS ARE STILL SCHEDULED FOR THE WEEKEND INTO
THE FIRST HALF OF NEXT WEEK. A SOAKING AMOUNT OF MOISTURE THAT WILL KEEP
HUMIDITY MINIMA FAIRLY HIGH THROUGH THE PERIOD.

FRIDAY...

SKY/WEATHER......MOSTLY CLOUDY. SCATTERED RAIN SHOWERS IN THE MORNING THEN ISOLATED RAIN SHOWERS IN THE AFTERNOON.

MAX TEMPERATURE.....62-67.

MIN HUMIDITY.....50-55 PERCENT.

WIND (20 FT)......SOUTHEAST WINDS 8 TO 13 MPH. GUSTS UP TO 20 MPH
IN THE LATE MORNING AND AFTERNOON.

TIME (CDT)	7 AM	10 AM	1 PM	4 PM
SKY (%)	.84	88	89	86
WEATHER COV	.SCTTRD	SCTTRD	ISOLTD	ISOLTD
WEATHER TYPE	.RNSHWR	RNSHWR	RNSHWR	RNSHWR
TEMP	.50	55	59	62
RH	.63	61	60	58
20 FT WIND	.E 8G15	E 11G20	SE 12G20	SE 12G20
	0.21 (0.00) (0.00) (0.00)			

PRECIPITATION.....SCATTERED TRACE TO 0.10 INCH AMOUNTS.

FRIDAY NIGHT...

SKY/WEATHER......CLOUDY. SHOWERS AND THUNDERSTORMS LIKELY.

MIN TEMPERATURE.....50-55.

MAX HUMIDITY......88-93 PERCENT.

20-FOOT WINDS......SOUTHEAST WINDS 5 TO 10 MPH. GUSTS UP TO 20 MPH IN THE EVENING.

LAL.....5.

PRECIPITATION.....0.10 TO 0.20 INCH AMOUNTS.

.SATURDAY...

SKY/WEATHER......CLOUDY. SCATTERED SHOWERS AND THUNDERSTORMS.

MAX TEMPERATURE.....72-77.

MIN HUMIDITY......61-66 PERCENT.

20-FOOT WINDS.....SOUTHEAST WINDS 5 TO 10 MPH.

LAL....4.

PRECIPITATION.....SCATTERED 0.20 TO 0.30 INCH AMOUNTS.

HOURS OF SUNSHINE...2.

.SATURDAY NIGHT...SHOWERS AND THUNDERSTORMS LIKELY. LOWS IN THE UPPER 50S. SOUTHEAST WINDS AROUND 10 MPH.

.SUNDAY...SHOWERS AND THUNDERSTORMS LIKELY. HIGHS IN THE LOWER 70S. SOUTHEAST WINDS AROUND 10 MPH.

FIRE BEHAVIOR FORECAST FORECAST NUMBER: Three FIRE NAME: Green Valley DATE ISSUED: May 16, 2013 UNIT: MN DNR Forestry, Park Rapids INPUTS TYPE OF FIRE: Wildfire OPERATIONAL PERIOD: May 17, 2013 TIME ISSUED: 1900 Doug Miedtke, FBAN INPUTS

WEATHER SUMMARY: Check with the NWS in Grand Forks for morning updates.

Friday: Mostly cloudy. Scattered rain showers in the morning, isolated showers in the afternoon. High 62 to 67 degrees. Minimum RH 50 to 55%. Southeast wind 8 to 13 mph, gusting to 20 mph late morning and afternoon. Scattered trace to 0.10" precipitation.

Friday night: Cloudy. Showers and thunderstorms likely. LAL of 5. Low 50 to 55 degrees. Max. RH 88 to 93%. Southeast wind 5 to 10 mph, gusting to 20 in the evening. Precipitation amounts 0.10" to 0.20".

Saturday: Cloudy. Scattered showers and thunderstorms. High 72 to 77 degrees. Minimum RH 61 to 66%. Southeast wind 5 to 10 mph. Scattered 0.20" to 0.30" precipitation.

Showers and thunderstorms will be likely Saturday night and Sunday, rain chances continue into next week.

OUTPUTS

FIRE BEHAVIOR (based on weather inputs from NWS wx forecasts issued 5/16/2013)

The Haines is forecast to be 3 or very low today. Fine fuel moisture will only fall to 10% this afternoon. The Probability of Ignition will be about 30%. New starts are unlikely today, but not out of the question if rain does not arrive. In the absence of a wetting rain, dry fuels will still burn with high intensity.

On the Green Valley Fire, persistent fire in chip piles and other areas with heavy dead fuels will continue to smolder and even flare up occasionally but additional fire growth is unlikely.

If we don't get rain and a new start does occur in the area, fire in dry grass will spread up to 40 chains/hour with flames 10 feet at the head. Fire in dry leaf and needle litter will spread less than 10 chains/hour with flames 2 to 6 feet at the head. Torching will occur where fire moves through young pine with crowns close to the ground.

Forecast Canadian indices for Friday in the fire vicinity, assuming no rain:

FFMC	DMC	DC	ISI	BUI	FWI
88 - High	48 – Very High	172 - Moderate	11 – High	56 – Very High	25 – Very High

AIR OPERATIONS

As of Thursday afternoon, NWS meteorologists don't expect serious limitations due to visibility or ceilings on Friday; it may be MVFR at worse. This will need to be re-evaluated in the morning before any undertaking any missions.

SAFETY

Keep alert for falling snags. Gusty winds today will bring trees and snags down with little warning.

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Operations Chief		Vorman	100000000			Air Attack			Fuoiei			
Branch Director						Safety Off	-	V1301	Guck			7.3000 TOTAL - 1.1000
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Operations Chief	Norman				Air Attack S			Casselli	us		
Branch Director					Safety Office		VISUI	Cuels			
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E 5071 T7			Casse	ellius		2	N	Fire Ha	II 0700		
Fergus Falls CC	M		Pecha	acek	5		N	Fire Ha	II 0700		
Midewin Squad			TBD	- Auto-		5	N	Fire Ha	II 0700		
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Branch Director					Safety Office	er		Guck			
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Sherberne Gyro	trac E-17		Pauls	on	2		N	Fire Ha	II 0700		
Southside Musk	eg		Schor	mmer	2		N	Fire Ha	II 0700		
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Operations Chief	N	orman			Ореге			Superviso	or Geirsdor	f		
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Branch Director					11990	Safety (Guck			
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5.			Operat	tions Personne		riday	Bay Chile 0700	2100	
Operations Chief				Division/Gro		Supervisor	Holden		
Operations Chief				Air Attack Su					- Company
Branch Director				Safety Office			Guck		
6.			Resources	Assigned this		ind			
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Leitinger			105		3		05/16/13		1934

SUNRISE: 0545 SUNSE	SUNSET: 2048 MIEC Air Deck: 218,327,4582	AIR OPER	ERATIONS SUMMARY	SUMMAR		Fixed Wing Bases @ BJI, HIB, BRD	Bases	Operational Period: 5-17-13	riod: 5-17-13
Ψ	-732-477	INCIDENT NAME:		Green Valley Fire	ø	Helibases: Park Latitude: 46 54.0'	Helibases: Park Rapids atitude: 46 54.0'	TFR in effect: 3 4000 MSL 5 na	ct: 3/9584 5 nautical miles
TFR CONTACT Phone:						Longirude: 75 U4.4	75 04.4	46 49.0' 95 08.30'	30,
Doug Lloyd 218-244-4120	1120								
4. Personnel and Communications	Name	Frequency Name	y Name	Frequency Number	/ Number	5. Remarks (Spec	Instructions, Safety	5. Remarks (Spec. Instructions, Safety Notes, Hazards, Priorities)	98)
Air Operations Director		AIR TO AIR (AM)	(AM)	123.175					
Air Support Supervisor	Doug Lloyd	AIR TO GROUND (FM)	UND (FM)	169.200		CL 215's and	d Air Attack a	CL 215's and Air Attack available at BRD and BJI	nd BJI –
Helibase manager	Helibase manager Robby Johnson	FLIGHT FOLLOW	WO	169.200/ 123.175	123.175	Request thru	Request thru Doug Lloyd.		
Air Attack Supervisor		COMMAND				Powerlines,	Towers and p	Powerlines, Towers and pipelines within incident.	cident.
Air Tanker Coordinator		COMMAND RPT	RPT			Twin Lakes I	nvasive speci	Twin Lakes Invasive species – faucet spails - AVOID	OIOVA -
ASGS (f)	Lee kessler	DECK		163.100					
6. Location/Function	7. Assianment	8. Fixeo	ixed Wing	9. Helicopters	pters	TIO. TI	Time	11. Aircraft Assigned	12. Operating
Park Rapids Helibase	Buckets/Recon			_	က	0200	2000	83ВН (2061-3)	
Park Rapids Helibase	Buckets/Recon			-	m	0060	2030	19BH (206 L-4)	
Park Rapids Helibase	Buckets			-	_	1000	2030	Hawk 2 UH-60	
Park Rapids Helibase	Buckets			-	_	1000	2030	Hawk 3 UH-60	
					15. Prepared D	15. Prepared by finclude Date and Time Doug Lloyd 5-16-201	te and Time) 5-16-2013 2000	00	9
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			1 Incident Name	08			2 Pote Time Programme	
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			Green Valley				5/16/2013 20:00	5/17/2013 Day shift
Radio Type	CH#	# Function	Frequency	Tone/NAC	Mode	TGID	Assignment	Remarks
King	1	Tactical	RX: 168.0500 TX: 168.0500	123.0	z		Div A	
King	2	Tactical		123.0	z		Div B & Z	
King	ю	Tactical		123.0	z		Div CD	
King	4	Air - Ground	RX: 169.2000 TX: 169.2000		z		Air to Ground contact	
King	S	CMD Repeater	RX: 168.7000 TX: 170.9750	123.0	z		Coverage over the fire ground and to ICP	
King	9	CMD Simplex	RX: 168.7000 TX: 168.7000	123.0	z		Point to Point over the fire ground	
King	7		RX: TX:		z			
King	8	eater		136.5 136.5	z		Local Area DNR repeater	To contact local DNR Area
King	6	Local Forestry Park Rapids Area	_	136.5 136.5	z		Local Area DNR simplex	To contact local DNR Resources
King	10	DNR TAC 1		156.7	z		MN DNR TAC 1	
King	11	DNR TAC 2	RX: 170.475 TX: 170.475	156.7	Z		MN DNR TAC 2	
King	12	DNR Air - Ground	RX: 151.3400 TX: 151.3400	110.9	z		MN DNR A-G	
King	13	Statewide Fire Mutual Aid	RX: 154.2950 TX: 154.2950		z		Possible VFD contact	
King	14	Weather	RX: 162.5500 TX:		z		Weather	
King	15	Weather	RX: 162.4500 TX:		z		Weather	
King	16		RX: 168.6250 TX: 168.6250	110.9	z		Air Guard for aviation emergencies	
5. Prepared by (Communications Unit) Peter Willis COML	Commun	nications Unit)						
Note: This is n	ot a st	Note: This is not a standard NWCG ICS205 Form						

Green Valley Fire Phone List	e Phone List
5/16/13	
218-564-1300	Incident Commander/Conference Room
218-564-1301	Information 1
218-564-1302	Information 2
218-564-1303	Communications
218-564-1304	Ordering
218-564-1305	Fax Machine
218-564-1306	Operations
218-564-1307	Medical
218-564-1307	Logistics
218-564-1307	Facilities
218-564-1307	Ground Support
218-564-1308	GIS
218-564-1309	Situation
218-564-1309	Resources
218-564-1309	Demobilization
218-564-1310	Liaison

Green Valley Fire Contact List alphabetical by section

			dip	aipilabetical by section			
Section	Last	First	Cell Number	Section	Last	First	Cell Number
Command				Operations			
)C	Aultman	Mike	218-244-9497	DIVS B	Cassellius	Marty	612-280-7361
7:	Carlstrom	Mark	218-255-1540	OSC Planning	Edgar	Jim	507-696-5307
	Edmonds	Jeff	218-760-6144	DIVS Z	Giersdorf	Bruce	218-259-3014
	Ehret	John	651-248-5249	Midewan Supervisor	Hoffman	Jerry	815-210-0289
	Erickson	Mark	612-860-6360	OSC Planning (t)	Langford	Russ	763-244-9844
	Glessner	BI	218-244-3625	OSC2	Norman	Tim	218-370-2202
	Guck	Ron	218-290-5238	DIVS A	Pooler	Paul	218-259-1906
	Hanson	Kathy	218-244-4322	DIVS B/C	Rice	Mike	218-368-2087
	Hinds	Jim	218-341-3024	DIVS (t)	Teeter	Steve	218-341-5160
	Knight	Gil	218-349-0679				
	Oland	Tim	218-395-0355	Air Operations			
P102	Sanow	Ron	218-839-1504	ASGS	Lloyd	Doug	218-244-4120
	Snetsinger	Dave	218-850-8214	ASGS(t)	Kessler	Lee	218-244-1765
9							
Red Cross		Christina	218-780-4645	Plans			
				CTSP	Arlich	Mike	218-259-5283
				PSC2(t)	Drimel	Jon	218-308-3162
Logistics				SITL	Heisel	Bob	218-780-7396
MEDL	Bajda	John	218-340-0169	RESL(t)	Leitinger	Brian	218-839-7288
SUPL	Cihlar	Duane	218-370-1662	FBAN	Meidtke	Doug	218-360-1813
EMT	Hege	Devon	218-324-2322	CTSP	Nadler	Meggan	651-248-0168
esul	Ē	Lenny	218-259-0495	<i>GISS</i>	Nyberg	Glendon	320-232-5866
FACL	Johnson	Gary	218-242-2169	PSC2	Olson	Paul	218-392-0239
EQPM	Julson	Bill	218-244-7027	CTSP	Watson	Sherry	218-259-9755
FACL	Lauer	Jay	218-244-8154				
MEDL	Marsolek	Richard	218-556-2268	Finance			
ORDM	Schiller	Kathy	218-851-4367	TIME(t)	Basina	Christine	612-850-1901
COML	Willis	Peter	320-630-3193	FSC2(t)	Calder	Nancy	218-242-3778
72C2	Worshek	Dave	218-290-7192	FSC2	Kelly	John	507-696-5306
				PROC	O'Brien	Kevin	507-458-4241

WEDICALICAN			2. Date Prepared 3. 05/16/2013						perational Period 1700-2100	
		5. Inci	dent Medical	Aid S	Station					
Medical Aid Stations		L	ocation						Paramed Yes	lics No
MEDICAL UNIT	2 3 1 1 1	10	CP		100					X
			6. Transporta	ation						
		Α.	Ambulance S	ervic	es					
Name		Address				Phone			Param Yes	edics No
Tri-County EMS (PSA)			Wadena			911			х	
North Memorial		1,000	02 Hatch Ave. Park Rapids			911 (218) 732-	5255		x	
North Memorial Air Care	Helicopter	Bem	idji and Brainerd	t		911 (800) 247-0	0229		Х	
Sanford Air Med Helicop	ter	Ber	Bemidji and Fargo			911 (800) 952-2229			х	
		R I	ncident Amb	ulano	-06					
Name		Location	noident Amb	ulanc					Param	edics
Tri Court FMC	-	Otro-Pro-t	1 66 1 11 1		in				Yes	No
Tri-County EMS		Standing by nea				1 2 3 40			X	
Nama		A-1	7. Hospita							
Name Address			Air	Fravel *	Ground	Phone	Yes	lipad No	Yes Yes	Center No
Tri-County Hospital	15 Jefferson St N adena, Mn 56482	15 n	nin	30min	218/ 631-3510	Х			×	
St. Joseph's 600 Pleasant Avenue Park Rapids, MN 564			10 r	nin	15min	701/ 780-5433		x		X
Sanford Medical 801 Broadway Center Fargo, ND 5812			40 m	nin	2 hr	701/234-2000	Х			×
Miller Dwan 502 East 2nd Ave, Dull Burn Center			h 2 hr		5.5 hr	218/ 786-2815	X		X	
Regions Hospital 640 Jackson St St. F Burn Center			2 hr		3.5 hr	800/ 221-2810	Х		x	
HCMC Burn Center	701 Pa	ark Ave., Minneapol	is 2 hr		3.5 hr	612/ 873-2915	Х		Х	
		8. Medic	al Emergency	/ Pro	cedures					

DO NOT TRANSMIT NAME OF PATIENT

- If life threatening, request Command frequency to be cleared for emergency traffic only;
- 0
- Identify the on-scene Point of Contact (POC) by Resource and Last name (i.e. POC is FLD Smith); Identify nature of incident Number injured, patient assessments, and location (geographic and GPS coordinates) 0
- Identify on-scene medical personnel by position and name (i.e. EMT Jones),

MOST MEDICALLY QUALIFIED PERSON TAKES CHARGE OF MEDICAL CARE.

- Identify preferred method of transport (see attachment C for transportation and evacuation plan); 0
- Request additional resources and/or equipment as needed; 0
- Identify any changes in POC or on-scene medical personnel as they occur.

 Comm Unit needs to document all transmissions sent and received.

9. Prepared by (Medical Unit Veader) John Bajda, MEDL

10. Reviewed by (Safety Officer)

Ronald E. Guck, SOF2

Medical Plan Attachment C - Evacuation/ Transport Plan

General Information:

- Communicate all injuries/illnesses, as outlined in the ICS 206 Block 8.
- Use 911 for Emergency medical response and transport for injuries/illnesses occurring in the ICP.
- Identify and prep potential MEDIVAC spots and provide Lat/Long coordinates to Plans.
- Notify direct supervisor and DIVS of any injury or illness.
- DIVS contacts closest available medically trained personnel.
- Notify Operations Section Chief or the Safety Officer, and MEDL of the injury/illness.
- On-site incident personnel will move ill or injured patient to the nearest road or medevac site.
- Request additional equipment or supplies needed to move patient.
- Communications/MEDL will notify ambulance of patient pick-up point.
- The most medically qualified incident personnel should accompany patients during the move, until transferred to ground or air ambulance personnel.

Assigned evacuation resources:

- There are no designated incident MEDIVAC ships at this time.
- MEDIVAC will be arranged by responding ambulance personnel.

Incident Communication Center Protocol Standard Elements

COML/designee will ensure the following information is obtained and recorded during medical emergencies:

- 1. Determine the nature of the emergency.
- 2. Medical injury/illness? If injury/illness is it life threatening?
- 3. If life threatening, clear Command frequency for emergency traffic.
- 4. Identify the on-scene Point of Contact (POC) by resource and last name (i.e. POC is TFLD Smith).
- 5. Contact Medical Unit Leader immediately.
- 6. Request POC to provide number of injured, patient assessment, and location (geographic and GPS coordinates).
- 7. Identify on-scene medical personnel by position and name (i.e. on-scene medical personnel is EMT Jones).
- 8. Request preferred method of patient transport.
- 9. Determine if any additional resources and/or equipment are needed.
- 10. Document all information received and transmitted on the radio or phone.
- 11. Document any changes in the on-scene Point of Contact or medical personnel as they occur.

SPECIAL CONCERNS: If you are entering burned areas where there are agricultural products, be especially aware that burned farm products may contain hazardous materials. Also, in yards and structures that are burned over, there may be hidden hazards on the ground or above you. If you find anything suspicious, contact SOF so they may evaluate any materials that may be dangerous for fire fighters or home owners.

Prepared by (Medical Unit Leader)
John Bajda, MEDL

Reviewed by (Safety Officer)

Ronald E. Guck, SOF2

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INCIDENT SAFETY ANALYSIS GREEN VALLEY FIRE

DIV	HAZARDS	HAZARDS MITIGATIONS					
	Driving & Traffic	 Practice "Defensive Driving" techniques Look both ways when entering Hwy 71 on all access roads. Use spotters when backing, and honk horn to alert personnel Follow 3 second rule when driving on Hwy 71 					
	Steep Narrow Roads	 Always use headlights, wear seatbelts, and use chock blocks Use turnouts, and drive 20 mph to Structure Group locations 					
	Hazard Trees	 Follow "Hazard Tree Safety" guidelines, IRPG page 20 Look up, down around for hazard tree indicators Only fell trees within your expertise, and training 					
All	Extreme Fire Behavior	 Refer to IRPG back page for watchout conditions Establish "Trigger Points" to disengage 					
I.A.	Initial Attack	 Follow the "Briefing Checklist" on IRPG back page Use "Risk Management" approach prior to suppression actions Ensure communications are adequate with ICP 					
Structure Group	Old Abandoned buildings Buried Debris	 Don't enter buildings, watch for nails, and other HAZMAT Have spotter when climbing ladder to wrap roofs Follow "Structure Assessment Checklist" on page 12-14 in IRPG 					
	Mechanized Equipment	 Use "Structure Protection Guidelines" on page 10-11 in IRPG Create positive communication with operator, hand, radio, etc 					
	Working with Heavy Equipment	 Always work 2 tree lengths or greater from dozer Provide briefings with escape routes, and safety zones Remove non-essential personnel prior to engaging Stay at least 100 feet in front or 50 behind the equipment Follow protocols Page 90 in IRPG 					
All	• Check for TICKS periodically throughout shift						
All	Mulitple Aircraft Bucket Drops	 Follow "Aviation Watch-out Situations" on page 52, IRPG Follow helicopter briefings Don't plan on air resources for medical transport or re-supply Use recommendations for bucket drops on page, 65, IRPG 					
All	Wet Weather	 Use recommendations for bucket drops on page, 65, IRPG Don't stand, or walk on slick or slippery surfaces such as loading ramps, and steps to trailers 					
	ICP	 Follow one-way traffic pattern10 mph speed limit Utilize spotter when parking Use caution when crossing streets and parking lots 					
	NCIDENT NAME Valley Fire	DATE & TIME PREPARED OPERATIONAL PERIOD 5-15-2013 1900 5-16-2013 Day					

DIV	IRPG TACTICAL Page WATCHOUTS LCES HAZARD CONTROL ** Denotes Common Denominator of Tragedy Fires			
	51-69	Multiple Aircraft	_x_Air Operations ensures that all incident aviation personnel are briefed on daily tactics, planned use, and safety hazards _x_Maintain positive direction between Air Attack, lead plane pilot, assigned aircraft, and ground operations x_ If confusion or conflicting priorities develop, STOP operations, until they can be safely continued	
		Intruder Aircraft	_x_Designate TFR airspace over the incident air operations area _x_Report airspace conflicts or intrusion immediately to Air Support _x_Curtail air operations, as needed, until airspace is clear	
		Air Support Dependent Slow Bucket Return	Staff dedicated lookouts at pre-identified vantage pointsStaff aerial lookout. During major threatening activity, assess & provide directionDo go/no go assessment for ground operationsEnsure that firefighter safety is not compromised	
	65	_x_Bucket Drops _x_CL 215 Drops	_x_Ensure clear air-ground communications _x_Stay clear of flight zones and drop areasx_Watch out for rotor wash or air tanker turbulence and potentially erratic fire behavior _x_Keep heads up for snags and hazard trees	
		Poor Communications	x_Establish effective radio repeaters to reach all divisions. Confirm radio frequencies x_Warn ground forces of possible gaps in the repeater frequencies; advise to contact air tactical if necessary	
		Poor Weather Info	_x_ Take hourly weather observations over command frequency _x_Staff dedicated lookouts at pre-identified vantage points _x_ Weather watch system to be developed by FBAN/Meteorologist.	
		Inversion	_x_Limit air operations _x_Warn crews of possible lack of air missions if smoked out _x_Be alert for increased fire activity when inversion lifts	
		_x_Inadequate Air Supprt _x_Inadequate Crews	_x_Consider disengagement if airtanker and/or helicopter support resources are lost _x_ Do go/no go assessment for ground operations _x_Evaluate suppression strategy, providing for fire fighter safety first _x_Retreat if the situation is too complex	
		_x_Spotting _x_Torching	_x_Watch for smoldering fires picking up over large areas, trees crowning out inside of fireline, high sustained rate of spread, well-developed convection column, hot/dry weather _x_Patrol for spots especially after torching, Grid green areas x Post lookouts	
	72-79	_x_RH<25% _x_Temps > 85F _x_Direct Sun _x_Dead/Dying Fuels _x_Freeze-Dried Fuels _x_Fuel Loads > 10T/Ac _x_Winds>10MPH**	_x_Watch potential for torching, spotting, re-burn, and erratic, extreme fire behavior _x_Staff dedicated lookouts at pre-identified vantage points _x_Take hourly weather observations over command frequency _x_Establish effective radio repeaters to reach all divisions. Confirm radio frequencies _x_Consider vegetation and terrain and flag and time multiple escape routes _x_Improve/construct safety zones	
		Slopes>50% Rolling Rocks _x_FireFighter Safety	_x_Identify chimneys, gullies, and/or steep slopes in work area _x_Post lookouts, issue warnings _x_Improve/construct, flag/time escape routes and safety zones _x_Identify, flag, avoid rock hazards _x_Keep crews from below known hazard areas _x Wear proper and good condition fire boots to avoid slips and fallsx_Identify safe routes and maintain 10 feet spacing _x_Make sure you go slowly and watch your step _x_Always carry tools on the downhill side.	
	19	Lightning Storms	_x_Watch for sudden reversal of wind direction and increased speed, drop in temperature _x_Don't use the radio or telephone; turn off generators and electrical equipment _x_Put down hand tools _x_Avoid grouping together, sit/crouch, or if in open country stay in vehicle if possible _x_Avoid standing near high objects, ridge tops, open spaces, ledges, rock outcroppings _x_Keep away from wire fences; move away from horses and stock	
- 12 J		_x_Dehydration _x_Heat Stress Altitude >9,000'	_x_Drink plenty of fluids (1 qt/hr); ensure adequate replacement water supplies _x_Pace work; allow frequent periods of rest in shade, if possible _x_Limit shift lengths _x_Acclimate to extreme heat; schedule hardest work during cooler hours of the day	
	20-21	Snags	x Monitor fitness of crews for assignments; acclimate crews _x_Stay alert for strong winds, steep slopes, bug-kill, air operations turbulence, vibrations from heavy equipment, use of explosives, rot or shallow-rooted trees _x_Scout, identify and flag hazards, fell dangerous trees near the line _x_Do go/no go assessment prior to falling _x_Post lookouts, assess trees in work areas, issue daily warnings	

	UNIT LOG		1. INCIDENT NAME	2. DATE 3. TIME PREPARED PREPARED
4. UNIT NAME/DESI	IGNATORS. 5. L	JNIT LE	EADER (NAME AND POSITION)	6. OPERATIONAL PERIOD
			20 20 20 Case April 20 Organization Annual A	
7.		PERS	SONNEL ROSTER ASSIGNED	
	NAME		ICS POSITION	HOME BASE
		<u> </u>		
		+-		
		-		
		+-	100	
		 		
		 		
8.		ACTIV	TITY LOG (CONTINUE ON REVERSE)	
TIME			MAJOR EVENTS	
			A	
		366 317		